

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)  
89188.0007Application Number  
09/478,977

Applicant

Peter BROOKS, et al.

Filing Date  
January 6, 2000Group Art Unit  
1642

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE       | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|-----------------|------------|------|-------|----------|-------------------------------|
| amb                 | 5,320,970       | 06/14/1994 | EYRE |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |
|                     |                 |            |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|     | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS                 | Translation |    |
|-----|-----------------|------------|---------|-------|--------------------------|-------------|----|
|     |                 |            |         |       |                          | YES         | NO |
| amb | WO9906840       | 02/11/1999 | PCT     |       |                          | Abstract    |    |
|     | WO9414070       | 06/23/1994 | PCT     |       |                          | Abstract    |    |
|     | EP0921395       | 06/09/1999 | EP      |       |                          | Abstract    |    |
|     | WO9504282       | 02/09/1995 | PCT     |       | Abstract only in English | Abstract    |    |
|     | WO9835235       | 08/13/1998 | PCT     |       |                          | Abstract    |    |
|     | EP0992586       | 04/12/2000 | EP      |       |                          | Abstract    |    |
|     | WO9744059       | 11/27/1997 | PCT     |       |                          | Abstract    |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|     |  |
|-----|--|
| amb | Eric PETITCLERC, et al., "Integrin alpha(v)beta3 promotes M21 Melanoma Growth in Human Skin by Regulating Tumor Cell Survival", Cancer Research Volume 59, No. 11, June 1, 1999, pp. 2724-2730 |
|     |  |
|     |  |
|     |  |
|     |  |
|     |  |

EXAMINER

amb Harris

DATE CONSIDERED

November 01, 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



FORM-PTO-1449

Docket Number (Optional)

2806 (89188.0007)

Application Number

09/478,977

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

AUG 16 2004

(Use several sheets if necessary)

Applicant

Peter C. Brooks

Filing Date

January 6, 2000

Group Art Unit

1642

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
|                     |                 |      |      |       |          |                               |
|                     |                 |      |      |       |          |                               |
|                     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----------------|------|---------|-------|----------|-------------|----|
|  |                 |      |         |       |          | YES         | NO |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|     |  |
|-----|--|
| anh | Borza, Dorin-Bogdan, et al., "Identification of Multiple Cryptic Epitopes on the NC1 Domain of the $\alpha 3(\text{IV})$ Collagen Chain," The Journal of Biological Chemistry, Vol. 275, No. 8, February 25, 2000, pp. 6030-6037 |
|     | David, Michelle, et al., "Hydrophobic Amino Acid Residues Are Critical for the Immunodominant Epitope of the Goodpasture Autoantigen," The Journal of Biological Chemistry, Vol. 276, No. 9, 2001, pp. 6370-6377                 |
|     | Greenspan, Neil S., et al., "Defining Epitopes: It's Not As Easy As It Seems," Nature Biotechnology, Vol. 17, October, 1999, pp. 936-937   |
|     | Kalluri, Raghu, et al. "Specificity of Circulating and Tissue-Bound Autoantibodies in Goodpasture Syndrome," Proceedings of the Association of American Physicians, 1996, pp. 135-139  |
|     | Mariuzza, R.A., et al. "The Structural Basis of Antigen-Antibody Recognition," Am. Rev. Biophys., Biophys. Chem. 1987, pp. 139-159   |
| anh | Nakanishi, Koichi, et al., "Immunohistochemical Study of $\alpha 1-5$ Chains of Type IV Collagen in Hereditary Nephritis," Kidney International, Vol. 46, 1994, pp. 1413-1421  |
|     | Wheatcroft, A.C., "Evidence of In Situ Stability of the Type IV Collagen Triple Helix in Human Inflammatory Bowel Disease Using a Denaturation Specific Epitope Antibody," Matrix Biology 18, 1999, pp. 361-372                  |
|     | Yang, Wei-Ping, et al., "CDR Walking Mutagenesis for the Affinity Maturation of a Potent Human Anti-HIV-1 Antibody into the Picomolar Range," J. Mol. Biol., 1995, 254, pp. 392-403  |
|     | Yoshioka, Kazuo, et al., "Normal Distribution and Abnormalities in X-Linked Alport Syndrome Revealed by Monoclonal Antibody," American Journal of Pathology, Vol. 144, No. 5, 1994, pp. 986-996                                  |
|     | Xu, Jingson, et al., "Generation of Monoclonal Antibodies to Cryptic Collagen Sites by Using Subtractive Immunization," Hybridoma, Vol. 19, November 5, 2000, pp. 375-385  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.